

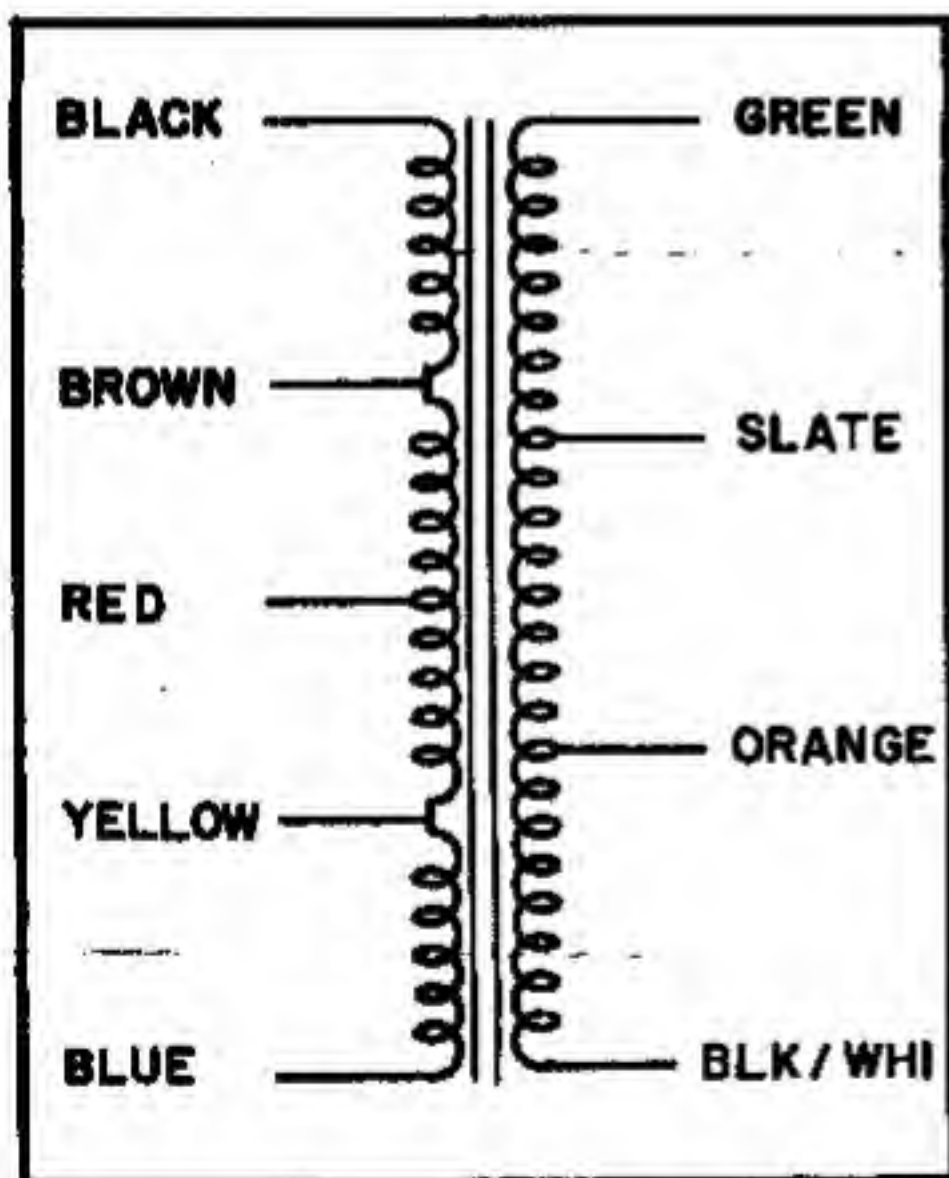
22539

HIGH FIDELITY OUTPUT TRANSFORMER

WITH ULTRA-LINEAR SCREEN TAPS

20 WATTS

FREQUENCY RESPONSE 0 DB FROM 20 to 20,000 CYCLES



Primary 8,800 Ohms CT at 100 MADC
each side of CT. Provided with screen
taps for Ultra-Linear operation.
Connect Black to the Plate and
Brown to the screen of one of the
Push-Pull output tubes.
Connect Blue to the Plate and
Yellow to the screen of the other
Push-Pull tube.
Red connects to B(Plus).

Secondary - 4/8/16 Ohms

Common.....	BLACK/WHITE
4 Ohms.....	ORANGE
8 Ohms.....	SLATE
16 Ohms.....	GREEN

Continued on Reverse Side

HIGH FIDELITY OUTPUT TRANSFORMER APPLICATION

The Amplifier Circuit shown below is a Williamson type using the 22S39 ultra-linear output transformer. The addition of this ultra-linear feature into the Williamson type amplifier not only increases the power output of the unit but also reduces the percentage of distortion to a level unobtainable by previous methods.

The characteristics of this High Fidelity Output Transformer surpass the original design specifications and the output stage is more linear than either triode or tetrode connected units. This circuit now serves as the standard against which others are judged and either those building initially or converting existing circuits will find they offer unexcelled listening quality along with high power operation.

